

DP-302738

## CATALYTIC CONVERTER

## ABSTRACT OF THE DISCLOSURE

An endcone assembly for use with a catalytic converter comprises a conical shaped sidewall extending outward to a shoulder having a first diameter. A mat protection element having a second diameter extends from the shoulder. The mat protection element has a second diameter that is equivalent to or less than the diameter of the conical shaped sidewall. The mat protection element includes a sidewall having at least two ribs or dimples that protrude outwardly from the sidewall to impart additional retention, positioning and alignment properties to the endcone assembly when being placed within a catalytic converter assembly. The edge of the sidewall either contacts a leading edge of the mat support material, or penetrates the leading edge of the mat support material, when the endcone assembly is disposed within the catalytic converter.